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PTO/SB/21 (09-04) (AW 10/2004)

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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission 7

| | |
|----------------------|------------------------|
| Patent Number | 6,861,744 |
| Issue Date | March 1, 2005 |
| First Named Inventor | Masaaki Hayama, et al. |
| Art Unit | 2814 |
| Examiner Name | Alonzo Chambliss |
| Attorney Docket No. | MAT-6660US2 |

ENCLOSURES (Check all that apply)

- ☐ Fee Transmittal Form
 - ☐ Fee Attached
- ☐ Amendment/Reply
 - ☐ After Final
 - ☐ Affidavits/Declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/
Incomplete Application
 - ☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a
Provisional Application
- ☐ Power of Attorney, Revocation,
Change of Correspondence
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- ☐ Terminal Disclaimer
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 - ☐ Landscape Table on CD

- ☐ After Allowance Communication
to TC
- ☐ Appeal Communication to Board
of Appeals and Interferences
- ☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply
Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please
identify below): Request for
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1050; Copy of Page 2 of
05/12/2003 Amendment; Copy
of Page 3 of 08/05/2004
Amendment; Return Receipt
Postcard

Remarks:

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT **Certificate**Firm Name **RatherPrestia**

Signature

Printed Name **Lawrence E. Ashery**Date **September 27, 2005**Registration No. **34,515****SEP 30 2005****of Correction****CERTIFICATE OF TRANSMISSION / MAILING**

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Donna M. Wellings

Date

September 27, 2005

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OCT 5 2005**OCT 5 2005**



PT-6660US2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,861,744
Issued: March 1, 2005
Name of Patentee: Masaaki Hayama, et al.
Title of Invention: A MULTILAYER CERAMIC SUBSTRATE UTILIZING AN INTAGLIO PLATE
WITH A PLURALITY OF GROOVES HAVING DIFFERENT DEPTHS

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attention: Certificate of Correction Branch

1. Attached in duplicate is Form PTO-1050 with at least one copy being suitable for printing.
2. Correction of the Official Letters Patent is respectfully requested in view of the following text which appears correctly in the application file:

On the cover page at the title of invention (54), before "MULTILAYER" insert -- A --, as indicated on page 2 of the amendment filed May 12, 2003.

At Column 12, line 34, "at" should read -- of --, as indicated on page 3 of the amendment filed on August 5, 2004.

3. Please send the Certificate to:

Name: Lawrence E. Ashery
P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

OCT 5 2005

Name of Assignee: Matsushita Electric Industrial Co., Ltd.

Assignment Recorded on: February 1, 1999

Reel: 9734

Frame: 0737

Respectfully submitted,

Lawrence E. Ashery, Reg. 34,515
Attorney for Applicants

LEA/dmw

Enclosures: Form PTO-1050 (in duplicate)
Copy of Page 2 of 05/12/2003 Amendment
Copy of Page 3 of 08/05/2004 Amendment

Dated: September 27, 2005

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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Donna M. Wellings

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO: 6,861,744
DATED: MARCH 1, 2005
APPLICATION NO.: 10/074,792
INVENTOR(S): MASA AKI HAYAMA, ET AL.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page

At title of invention (54), before "MULTILAYER" insert -- A --.

Column 12

Line 34, "at" should read -- of --.

Mailing Address of Sender:

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P.O. Box 980
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This collection of information is required by 37 CFR 1.322, 1.323 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance completing the form, call 1-800-PTO-9199 and select option 2.

OCT 5 2005

Application No.: 10/074,792
Amendment dated: May 12, 2003
Reply to Office Action of: January 15, 2003

MAT-6660US2

COPY

Amendments to the Specification:

IN THE TITLE:

Please replace the Title with the following:

→ A MULTILAYER CERAMIC SUBSTRATE UTILIZING AN INTAGLIO PLATE WITH A
PLURALITY OF GROOVES HAVING DIFFERENT DEPTHS

COPY

19. (Previously Presented) The multilayer ceramic substrate of claim 13, further comprising an LSI chip mounted on a part of one of said first and second conductive patterns with the face down and electrically connected.

20. (Previously Presented) The multilayer ceramic substrate of claim 13, further comprising an LSI chip mounted on a part of one of said first and second conductive patterns with the face down and electrically connected through an electroconductive paste applied on the top of a fine bump provided on one of said first and second conductive patterns, said fine bump formed by using a second groove which is disposed on said intaglio at a place corresponding to a pad of said LSI chip.

21. (Previously Presented) The multilayer ceramic substrate of claim 13, further comprising an LSI package mounted on a part of one of said first and second conductive patterns with the face down and electrically connected through a lattice of lands with a pitch of not larger than 0.8mm, said lattice provided on one of said first and second conductive patterns. ←

22-28. (Cancelled).

29. (Previously Presented) The multilayer ceramic substrate of claim 13, wherein said first conductive pattern being a transfer of an intaglio plate.

30. (Cancelled).

31. (New) The multilayer ceramic substrate of claim 13, wherein said via extends above a top surface of said insulation layer.